Model: KS5846

8.4" PORTABLE DVD PLAYER

INSTRUCTION MANUAL

KOSS®

Warning

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE APPLIANCE TO RAIN OR MOISTURE.

To avoid electrical shock, do not open the cabinet.
Refer servicing to qualified service personnel only.

Caution

The following marking is printed on the rear panel.

Please remember to respect the local regulations: hand in the non-working electrical equipments to an appropriate waste disposal center.

For rechargeable battery
Attention: Ni-MH batteries must be recycled of or disposed of properly.

CAUTION
This symbol is intended to alert the user of the presence of uninsulated "dangerous voltage" within the product enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

In case of malfunction due to electrostatic discharge, reset the apparatus by disconnecting from the power supply.

MAINTENANCE AND CARE

Caring for the player

- "The apparatus shall not be exposed to dripping or splashing" and that no objects filled with liquid shall be placed on the unit.
- This kind of electronic products should never be subjected to extreme temperatures or high humidity.

Cleaning the Unit

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- When the lens in the pick-up gets dirty, malfunctions including the impossibility of playback may occur.
- The lens should be cleaned using a commercially available camera lens blower, etc. Do not touch the lens to prevent damaging the mechanism. Also do not use a lens cleaner or disc cleaner product.
- Never play a cracked or warped disc.
- Do not use volatile solvents such as alcohol, paint thinner, gasoline, or benzine, etc.

Condensation

- If this unit is brought directly from a cold to a warm location, moisture may condense inside the unit. Do not cause damage to the lenses. When you first install the unit, or when you move it from a cold to a warm location, wait for 30 minutes before operating the unit.

Disconnect power

- If you are not going to use the player for a long time, be sure to disconnect the power converter from the wall outlet. To disconnect the AC adaptor, grasp the plug itself, never pull the plug.

Getting started

Unpacking

Unpack the unit and make sure that all accessories are put aside so they will not be lost. We recommend that you retain the original carton and packing materials for use should you transport or ship the unit in the future.

Keep this manual handy for future reference.

- Portable DVD Player x1
- Battery Pack x1
- User manual x1
- Remote control unit x1
- AC adaptor x1

Location of features

Remote Control Unit

1. KEY LOCK BUTTON
2. NUMBER 0 TO +9 BUTTON
3. MUTE BUTTON
4. REPEAT/REPEAT A-B BUTTON
5. TITLE MENU BUTTON
6. PBC BUTTON
7. DISPLAY BUTTON
8. NAVIGATION (▲, ◄, ►, ▼) BUTTON
9. RETURN BUTTON
10. SLOW/R BUTTON
11. PAUSE/STEP BUTTON
12. RANDOM BUTTON
13. ENTER BUTTON
14. SEARCH BUTTON
15. SEARCH FORWARD BUTTON
16. SEARCH REVERSE BUTTON
17. SKIP FORWARD BUTTON
18. SKIP REVERSE BUTTON
19. SLOW/F BUTTON
20. PROGRAM BUTTON
21. PAUSE/STEP BUTTON
22. STOP BUTTON
23. ENTER BUTTON
24. PLAY BUTTON
25. 3D BUTTON
26. SUBTITLE MENU BUTTON
27. ANGLE BUTTON
28. AUDIO MENU BUTTON
29. AUDIO MODE BUTTON
30. ZOOM BUTTON
31. BOOKMARK BUTTON
32. CLEAR BUTTON
33. DIGEST BUTTON
34. STANDBY ON/OFF BUTTON
35. SCREEN ON/OFF BUTTON

Main unit

1. VOLUME KNOB
2. PHONES JACK
3. PHONES JACK
4. INPUT / OUTPUT LINE SELECTOR
5. AUDIO JACK
6. VIDEO (COMPOSITE) JACK
7. DC - VIDEO JACK
8. TFT DISPLAY
9. SPEAKERS
10. TITLE MENU BUTTON
11. DISPLAY BUTTON
12. PLAY BUTTON
13. PAUSE BUTTON
14. SKIP FORWARD BUTTON
15. SKIP REVERSE BUTTON
16. STOP BUTTON
17. NAVIGATION (▲, ◄, ►, ▼) BUTTONS
18. SETUP BUTTON
19. ENTER BUTTON
20. DISC COMPARTMENT OPEN BUTTON
21. SKIP REVERSE BUTTON
22. DISC COMPARTMENT
23. DISC COMPARTMENT OPEN BUTTON
24. FULL INDICATOR
25. OPEN SLIDE KNOB
26. CHARGE INDICATOR
27. STANDBY INDICATOR
28. REMOTE SENSOR

NOTES:
To activate buttons on the UNIT, press and release the button each time. (From button no. 11-21, 23)

Before using this player, please ensure that the local AC voltage is suitable for this unit.

IMPORTANT SAFEGUARDS

1. Power sources — Only use the AC/DC power adaptor that is packed with the unit. Using other adapters could seriously damage the unit.
2. Power-cord protection — Power Supply cords should be so routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.
3. Enclosure removal — Never remove the enclosure.
4. Ventilation — Avoid hindering the ventilation of the unit, when playing in the car with pouch.
6. Abnormal smell — If such an abnormal smell or smoke is detected, immediately turn the power OFF and pull out the AC adaptor from wall outlet. Contact your dealer or nearest service center.

IMPORTANT SAFEGUARDS (continue)

7. Heat — Avoid placing the unit under direct sunlight or near a source of heat such as heating equipment. Particularly, never leave it in an automobile or on the dashboard.
8. Temperature — The unit may not function properly if used at extremely low or freezing temperatures. The ideal ambient temperature is above +5°C(41°F).
9. Water and moisture — The unit should be used near water-for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.
10. Mounting — The unit should not be used near a swimming pool, etc.
11. Magnetic fields — keep the unit away from sources of magnetic fields such as TV sets, speaker systems, radio, motorized toys or magnetized objects.
12. No-use periods — The AC adaptor of the unit should be unplugged from the outlet when left unused for a long period of time.
13. Damage requiring service — The unit should be serviced by qualified service personnel when:
    A. The power-supply cord or the plug has been damaged.
    B. Objects have fallen, or liquid has been spilled into the unit.
    C. The unit has been exposed to rain.
    D. The unit does not appear to operate normally or exhibits a marked change in performance.
    E. The unit has been dropped, or the enclosure damaged.
14. Servicing — The user should not attempt to service the unit beyond that described in the operating instructions-All other servicing should be referred to qualified service personnel.
15. CAUTION — TO PREVENT ELECTRIC SHOCK DO NOT USE THE AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

Notes on DVD/CD:
In case of abnormally such as smoke production, immediately unplug the car adaptor from the cigar lighter socket. Do not leave the products or batteries in the car.

Power Sources

Battery Installation (remote control unit)

Note: When start to operate the handset, please pull out the insulation plate directly.
1. Remove the battery cover.
2. Insert the battery (CR2025) making sure the polarity (+ / -) matches the marks inside the unit.
3. Replace the cover.

Battery Installation (player)

Note: When release the battery, then push down and hold the lock on the right side of the player. Then plug and remove the battery.
1. Do not attempt to recharge, short-circuit, disassemble, heat or throw the battery into a fire.
2. Always keep the battery to loading or release the battery.

Charging the Battery

While loading the battery, please refer the step of "Using AC Adapter to connect power converter.

Notes:
- Only use with the supplied AC adapter. Using with other AC adapter would cause damage.
- Remove both DC plug & AC-IN plug to disconnect the AC adapter when not necessary.

Using the Player

Notes:
- For the kind of Ni-MH rechargeable battery, it will not be fully charged when a battery to be charged first time, please note that 4-5 times of charging and discharging. It is not a defect and abnormal battery.
- The battery will be operated normally with normal capacity after the first time.
- After a period of storage, or not use for a period, it will require users to repeat above mentioned steps to recharge.
- The battery is fully charged for approximately 4 hours when the AC adaptor is connected, the FULL indicator will light on GREEN.
- Battery is charging the CHARGE indicator at the front will light on RED.

Battery Low Indication

When using the rechargeable battery to play and the battery is nearly exhausted, the player front "STANDBY" indicator will blinking. In a while, the unit will automatically turn off the level of automatically. Refer "Charging the battery" to recharge the battery.

Using the Car Adapter (optional)

1. Slide the LINE SELECT IN/OUT to the 'OUT' position.
2. Insert the end into the DC jack and then plug the other end into the cigarette lighter socket. This indicator lights when the power is on.

Basic Playback

DVD, VCD, Audio CD, MP3-disc. Starting playback

1. To power on the unit, slide the POWER knob ON at POWER SOURCE.
Notes: To select the power source, please refer portion of POWER SOURCE
2. Slide the LINE SELECT IN/OUT to the 'OUT' position.
3. Press OPEN/CLOSE button, to open up the disc compartment door (OPEN appears on screen) and place the disc with the label side facing front on the disc tray.
Notes: Hold the disc without touching either of its surfaces, placed with the printed side side facing up only.
4. Push or press the left front edge of the door, to close securely. The disc will start playback automatically.
Notes:
- Loading the disc in any source mode will switch from the current mode to disc mode except.
- For MP3 disc, the reading time may exceed a little bit longer, due to the large number of songs compiled into one disc.

If playing DVD disc a MENU appears on the TV screen:

Press the (▲, ◄, ►, ▼) Arrow buttons to select the desired item, then press the ENTER button. Playback of the selected item will start until the inserted disc is within the Parental Ratings set, then the password is set and the password to enter the password.

IMPORTANT

When the " ⊘ " symbol appears while pressing a button, this means that the operation cannot be performed either in the selected mode.

Basic operation

Panel Key Lock

Press KEY LOCK Button: "Key Lock On" Appears on TV screen, then the function keys on main unit are disable except power button. To make all buttons available again, press KEY LOCK button again.

Skip and Searching

1. SKIP REV(◄◄) and FF(►►) button:
   Press these buttons to go to the previous/next chapter (DVD) or track (CD).
   To select slow-motion forward or rewind playback at 1/2,1/4,1/8,1/16 normal speed without sound.

NOTE: This player does not support slow-motion re-wind (SLOW/R) does not support playback VCD disc and " ⊘ " will appear on the TV screen.

2. SLOW/R, SLOW/F button:
   Press the PLAY (►) button.

Title/Time Search

Title/Chapter Search

Advanced Playback mode

Audio menu

Press AUDIO MENU button, you can change the audio language from the one selected at the initial setup to a different language, if available.

DVD Menu

Press the DVD MENU button, and the Main Menu of the disc will appear. Use the (▲, ◄, ►, ▼) button to select the desired option, and then press the ENTER button.

Subtitle Menu

Press the SUBTITLE MENU button to select a subtitle language, and press the ENTER button to turn on the subtitle menu on screen. This feature is not available on all discs.

Title Menu

Press the TITLE MENU button and the Title Menu of the disc will appear. Use the (▲, ◄, ►, ▼) button to select the desired option, and then press the ENTER button.

Audio Mode (Audio CDs only)

While playing an audio CD (not DVD) you can cycle between the audio modes as follows:
SURROUND POP → SURROUND ROCK → SURROUND LIVE → SURROUND DANCE → SURROUND TECHNO → SURROUND CLASSIC → SURROUND SOFT → SURROUND OFF

3D Sound

During playback of a disc, press the 3D button once to achieve the highest quality sound. Select the following surround modes:
SURROUND ROCK → SURROUND POP → SURROUND LIVE → SURROUND DANCE → SURROUND TECHNO → SURROUND CLASSIC → SURROUND SOFT → SURROUND OFF

MUTE

Press the MUTE button once to mute the sound. "MUTE" will appear on the TV screen. Press the MUTE button again to restore the sound.

CONNECTIONS

Connect headphones to player headphone jack.

CAUTION: Listening at high power for a long moment could damage user's ears.

Connect the DC plug

Connect the end of the adapter cord, or connect the Car Adapter (optional) into the DC IN jack, then plug the other end into the car cigarette lighter socket.

SYSTEM CONNECTION

Use audio cable (Red / White), video cable (Yellow) to connect from player to TV set and amplifier.

CONNECT THE PLAYER TO TV SET BY AUDIO / AV CABLE (cables not included)

Use audio cable (Red / White), video cable (Yellow) to connect the player and TV set.

CONNECT OTHER MEDIA TO THE PLAYER BY S-VIDEO CABLE (cables not included)

Use S-Video cable to connect the player and TV set.
Notes:
- Slide the Line Select switch to " IN ".

Notes for cable connections:
- Audio cable (one end with small plug, and two end with Red / White plug, and one end with Yellow RCA plug).
- Video cable (one end with small plug, and one end with Yellow RCA plug).
- S-Video cable (one end with small plug, and one end with S-Video plug).

Programmed Playback (DVD/CD/VCD)

Note: MP3 discs does not support this function.

Programmed Playback (DVD/CD/VCD)

This feature lets you program the player to play back your desired tracks.

Note: MP3 discs does not support this function.

1. In the Stop mode, press the PROGRAM button to enter the program screen.
2. Press the Numeric buttons to input 2 numbers for each title, one for title, one for chapter.
3. Repeat step 2 of numbers, the cursor will automatically jump to the next program track for input another numbers.
4. Press the (▲, ◄, ►, ▼) button to select " START " position.
5. Press the PLAY(►) button to begin programmed playback. Playback will begin in the first title/chapter that you programmed and the player will continue to play all the tracks that you programmed in the order in which you programmed them.

TO CANCEL THE PROGRAM FUNCTION:

To cancel the Program function, press the STOP (■) button twice, or press the OPEN/CLOSE button.

REPEAT button

REPEAT PLAYBACK MODE BUTTONS

Repeat playback options are dependent on the disc types played.

DVD disc:

REPEAT button

DVD disc:

While in DVD Playback mode, press the REPEAT button once: " ☼ CHAPTER " will appear briefly on the TV screen and the currently playing Chapter will repeat continuously. While in time Playback mode, press the REPEAT button a second time, " ☼ TITLE " will appear briefly on the TV screen and the currently playing Title will repeat continuously. Press the REPEAT button once more to cancel the REPEAT function.

CD / VCD disc:

While in the playing mode, press the REPEAT button once: " ☼ TRACK " Will appear on the TV screen and the unit will repeat the selected track continuously until the STOP (■) button is pressed. Press the REPEAT button a second time, " ☼ ALL " will appear on the TV screen and all tracks repeat and given portion.

A-B REPEAT button

This player can repeatedly play back a specific section. Press the Repeat A-B button once to define where you want the section to start. Press the Repeat A-B button again to define where you would like the section to end, the unit will then begin repeat playback of the A-B section.

Random Playback

Press the RANDOM button once and "RANDOM" will appear on screen. All the tracks back in random order. After 20 tracks have been randomly play the selected tracks continuously. To cancel Random playback, turn off the TFT screen temporary, it will save off mode, to cancel Random Shuffle, press Title button to turn off the TFT screen temporarily.

Note: MP3 discs does not support this function.

Zoom Function

Note: MP3 discs does not support this function.
Some DVD discs may contain scenes which have been shot simultaneously from a number of different camera angles. The jacket or case of discs that are recorded with angle will be marked. Example - .
The recorded angles differ depending on the disc used.
1. Play the disc that is recorded with angles.
2. Press the ANGLE button, every normal, slow or slight mode, press the ANGLE button again to choose the desired angle, "Angle" will appear on the screen.

Display Button

Press DISPLAY button to show the elapsed time and remaining time of the playing disc. Each time the display button is pressed, the time will change as follows:

Disc	Display
DVD disc	Title Elapsed → Title Remain → Chapter Elapsed → Chapter Remain → Display Off → (return →)
VCD & CD	Single Elapsed → Single Remain → Total Elapsed → Total Remain → Display Off → (return →)
MP3	Single Elapsed → Single Remain → (return →)

Bookmark for DVD/ VCD/ CD

DVD, MP3 discs does not support this function.
Storing bookmarks allows you to mark a place to be viewed is similar to marking your page in a book. You can store up to any 12 bookmark positions.

To program bookmarks:
1. Press the Bookmark button during play.
2. Press the Play(►) button to store bookmarks.
3. Press the Bookmark button to leave Bookmark section.

To clear Bookmarks:
In the Bookmark section, press the Clear button to clear the old bookmark marking. Press the Play(►) button to store.
Note: Some discs may not work Bookmark function.

Title/Time Search

This feature is directly go to a specific title and/or time.
While in the playing mode, press the SEARCH button once.
TITLE: then use the Number buttons to select the desired title number.
Press the (◄, ►) buttons to select the TIME, then use the Number buttons to select desired track or time.

Zoom Function

Press the ZOOM button once, " ½ " will appear on the screen. Press the ZOOM button again, the picture will be magnified to Zoom X2, X3, X4 respectively. Press the (▲, ◄, ►, ▼) button to select desired part of the zoomed picture.

Viewing from a desired camera angle (Multi-Angle) [DVD]

Some DVD discs may contain scenes which have been shot simultaneously from a number of different camera angles.

Advanced Playback mode (continue)

PBC function (VCD 2.0 only)
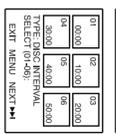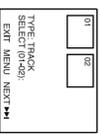
PBC button: This button switches PBC functions on or off.

Note: MP3 discs does not supports this function.

- When playing VCD with PBC functions, You can enjoy simple interactive software on TV screen.
- During playback, there are such functions as track selection, stop, previous/next scene, fast forward, backward, return, playpause and karaoke for you to select.
- PBC functions can be auto on when the disc is loaded and is lap appear on VFD.
- Once selected, automatically player will start playing the desired track.

PBC functions allow you to select programs guided by simple interactive software.

DIGEST (DVD and VCD)

Note: MP3 discs does not support this function.

1. Press the DIGEST during Playback.
2. Choose digest Type from the "Select Digest Type" Menu.
3. Two types of Digest screens can be summarized from all Digest types

DIGEST (CD)

Playing for CD Scan

1. Press the Play(▶) button to start CD playback from track No. 1.
2. Press the DISPLAY button to display the track Elapsed time.
3. Press the DIGEST button to start the CD scan function.

Playing for "Track digest" (Title digest & Chapter digest)

The screen shows the starting picture of all the tracks on the screen simultaneously. Input your desired track by Number buttons and press ENTER to confirm to play from that track onwards.

If the tracks are more than 6, choose (▶) to look at the next page.

Choose "EXIT" to leave the track digest screen.
Choose "MENU" to return to "Select Digest Type" Menu.

Playing for "Disc Interval" (Title Interval & Chapter Interval)

The screen shows the starting picture of all the tracks in 10 minute interval on the screen simultaneously. Input your desired interval track by number buttons and press ENTER.

If the interval time is more than 50:00, choose (▶) to look at the next page.

Choose "EXIT" to leave the disc interval screen.
Choose "MENU" to return to "Select Digest Type" Menu.

The first 6 seconds of each CD track and will display on screen until all CD tracks finish playing the 6-seconds introduction.

```
TYPE: TRACK
SELECT (0-43):
```
```
01 02 03 04
05 06 07 08
09 10 11 12
```
```
TYPE: TRACK
EXIT MENU  NEXT ▶▶▶
```
```
00:00 05:00 10:00
15:00 20:00 25:00
30:00 35:00 40:00
```
```
TYPE: DISC INTERVAL
SELECT (0-43):
EXIT  MENU  NEXT ▶▶▶
```

MP3 Basic Operation

MP3 ON SCREEN DIALOGUE BOX FEATURES

FUNCTION SELECTED DISPLAY BOX

PATH
STATUS
BOX

MP3
FILES
FOLDER

SELECTED FILE
or FOLDER NO.

FOLDER OF
PREVIOUS
FOLDER

FOLDER OF
EXIT TO
FOLDER

SINGLE ELAPSED TIME   TRACK TOTAL TIME

```
00 : 00        00 : 00
'000
```

abc
def

song1
song2
song3
song1
song2
song1

TRACK TOTAL TIME

PLAY [▶], PAUSE[II], STOP[■] indicator

□ ── General Setup Page
── Speaker Setup Page
── Video Setup page
── Preference Page
── Exit Setup Page

EQ PRESET
Indicators

CURSOR   PLAY MODE

Playback of MP3-Disc

After disc "LOADING" or real memory card, dialog box will appear on the screen.

The Root/Folder menu and STOP[■] Mode on screen button will appear on the screen.

e.g.:

Playback track on Root.

Press the NAVIGATION (▲, ▼) button to select the track on the Root, then press PLAY (▶) or "ENTER" button, to start playback, the PLAY (▶) indicator show on screen, and the player will continuous playback all tracks in ROOT, and stop automatically after finished all tracks.

e.g.:

```
SINGLE ELAPSED TIME    TRACK TOTAL TIME
00 : 13        05 : 38
```
ON ROOT STATUS   TRACK NUMBER
song1
song2
song3
song1
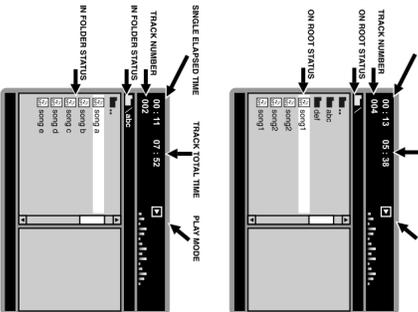
Playback track in folder.

Press the NAVIGATION (▲, ▼) button to select the folder, press NAVIGATION (▶) button or "ENTER" button to enter folder.

Note: If it had a sub-folder, repeat above.

Press the PLAY (▶) indicator show on screen, select your desired track, then press PLAY (▶) or "ENTER" button to playback, the PLAY (▶) indicator show on screen.

The above functions are also available in PLAY mode.

```
IN FOLDER STATUS    TRACK NUMBER
00 : 11        07 : 32
song 1
song 2
song 3
song 4
```

Selecting Folder/Tracks Using the Number Buttons

During playback, press the Numeric buttons corresponding to the track numbers to select your desired track. The unit will jump to the new track and then press ENTER or PLAY (▶) button to playback.

OTHER FUNCTIONS

When playing a MP3 disc, the unit has functions like mute, audio mode, pause / step, previous / next track, and normal / reverse.

You may operate as you do with a CD on Basic Operations.

Playback on MP3-Disc

(1) Playback all tracks in such folder, simply select the track/file as described on the previous page, then press the REPEAT button once; "REPEAT ONE" will appear on the TV screen and the unit will repeat the selected track/file continuously until the STOP button is pressed.

To Repeat play all tracks on an MP3 CD, press the REPEAT button a second time; "REPEAT FOLDER" will appear on the TV screen.

To cancel Repeat play, press the REPEAT button until "FOLDER" appears on the TV screen.

Select/Back to Folder Menu

When in the folder, or in the sub-folder on screen the NAVIGATION (◀, ◀) button, or press "ENTER" button, when the cursor highlights the folder / files on the CD back to previous folder or repeat the procedure to exit to ROOT.

If cursor highlights the track or named folder, press the NAVIGATION (◀) button, the screen will back to the previous folder or the Root.

REPEAT PLAY

The display on track/file, simply select the track/file as described on the previous page, then press the REPEAT button once; "REPEAT ONE" will appear on the TV screen and the unit will repeat the selected track/file continuously until the STOP button is pressed.

Data Discs with pictures in jpeg format

Note: Graphic files must be stored in "jpeg" format (file extension .jpg), otherwise they won't be recognized.

When you have inserted a CD with jpeg-files you see a menu showing the folders / files on the CD.

Use the navigations keys (▲, ▼) to select the desired folder, then press ENTER. The files inside are displayed.

- Use the navigation keys (▲, ▼) to choose the picture, frame, if press the ENTER button. That picture will be displayed.
- This starts your "modern slide show" because the unit will change to the next picture automatically after a few seconds until all pictures have been shown on screen once.
- Press the PAUSE button to hold the current picture on the screen. Use the PLAY(▶) button to continue.
- Use the (◀◀) or (▶▶) key to skip back or forward.
- Press the (◀) button to cancel the picture show and to return to the folder menu.

If you press the REPEAT button once, the currently displayed picture will constantly been shown on the screen. Press this button twice to have all pictures in the current folder repeated.

Important note: When you've selected "REPEAT ONE" only that picture will be displayed constantly. Then you cannot skip using the (◀◀) or (▶▶) button.

(Remote Control)
OR ── when cursor highlights such folder
── when cursor highlights any track's

Initial Setting

1. Press the Setup button to display the Setup Menu.
2. Press the "◀" or "▶" Navigation buttons to move the Yellow Disc symbol underneath the icons on top of the Setup Menu to your desired icon page.

The following icons represent 5 Setup Page:
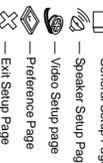
□ ── General Setup Page
── Speaker Setup Page
── Video Setup page
── Preference Page
── Exit Setup Page

General Setup

The setting structure is as follows:

TV Display	PS
TV Type	NTSC
Angle Mark	ON
OSD Lang	ENG
Screen Saver	ON

1. TV DISPLAY

NormalPS
Note: "PS" stand for "Pan Scan". This is selected when the unit is connected with a normal TV, but with some parts cut automatically.

NormalLB
Wide-Screen images are shown on the screen.

Wide
This is selected when the unit is connected with a wide - screen TV.

2. TV TYPE

You may select according to the color system of the TV to be connected.

NTSC
Select "NTSC" for a NTSC TV.

PAL
Select "PAL" for a PAL TV.

3. ANGLE MARK

This only works when there is an angle mark on the disc.

- Select "ON" the screen shows the angle mark when playing a DVD.
- Select "OFF" the angle mark is not shown.

OSD LANG

Toggle language of setup menu, choose the language using (◀, ▲) buttons and press ENTER to confirm.

English/ Spanish/ German/ French/ Italian

Press the (◀, ▼) buttons to select your desired level. The colour bar appears on the screen. Press ENTER to confirm.

Screen Saver

Start the screen saver, the screen saver image appears when the unit stops or the image is motionless for approximately 1 minute. This saver can keep the screen from being damaged.
- ON : Start the screen saver.
- OFF : Remove the screen saver.

Preference Setup Page

Audio
- To change the dialogue language, choose the language using the (◀, ▼) buttons and press ENTER to confirm.

Subtitle
- To change the subtitle language, choose the language using the (◀, ▼) buttons and press ENTER to confirm.

Disc menu
- To change the language of menu, choose the language using the (◀, ▼) buttons and press ENTER to confirm.

Parental
Rating Level: 1 KID SAFE — 2 G — 3 PG — 4 PG 13 — 5 PGR — 6 R — 7 NC-17 — 8 Adult

- You can control access to the player and the type of discs your family can watch with the rating function. There are eight levels of parental control.

1. Press the NAVIGATION (◀, ▼) button and choose the rating level using the (◀, ▼) buttons.
2. Press ENTER to enter the Password Verify menu.
3. Enter your four-digit password and press ENTER. If you have not chosen one yet, the factory preset password is 1234.

Password change

1. Press the (◀) button and then press ENTER to change the password.
2. To change the password, enter the current four-digit password in the "Old Password" column. You are then prompted to enter it again in the "New Password" column to confirm and press ENTER.

Video Setup Page

Sharpness — To adjust the sharpen or soften picture.

Press the (◀ or ▲) buttons to adjust your desired level. The colour bar appears on the screen. Press ENTER to confirm.

Brightness — To adjust more shining or darken picture.

Contrast — To adjust increase or decrease colour contrast.

Colour — To adjust increase or decrease colour intensity.

Tint — To adjust increase or decrease the phases of colour.

Speaker Setup Page

Select Audio setup in the Setup Menu and then Select the Speaker Setup Menu using the (◀, ▲) buttons to navigate through the menus/screens and press the Enter button to confirm.

Stereo — The front speakers are in Stereo Downmix mode.

L T/RT — The front speakers are in theatrical LT/RT downmix mode.

Troubleshooting

No power
- Insert the AC power plug securely into the power outlet.

Play fails to start even when PLAY is pressed. Play starts but then stops immediately.
- Check the batteries are installed with the correct polarities (+ and –).
- Condensation has formed: wait about 1 to 2 hours to allow the player to dry out.

No picture.
- Ensure that the equipment is connected properly.

No sound or Distorted sound.
- Ensure that the input setting for the TV and stereo system are correct.
- Ensure that the equipment is connected properly.

Picture is distorted during rapid advance or rapid reverse.
- The picture will be somewhat distorted at times; this is normal.

No key operation by the main unit and/or the remote control unit is effective.
- Press POWER to reset the player to the standby mode and then back to ON.
- Alternatively, press POWER to set the player to the standby mode, disconnect the power plug and then reconnect it. (The player may not be operating properly due to lightning, static electricity or some other external factor).

Play does not start even when title is selected.
- Confirm the RATING LEVEL setting.

No operations can be performed with the remote control unit.
- Check the batteries are installed with the correct polarities (+ and –).
- The batteries are exhausted: replace them with new ones.
- Operate the remote control unit at the remote control sensor and operate.
- Remove the obstacles between the remote control unit and remote control sensor.
- Point the remote control unit at a distance of not more than 7 m from the remote control sensor.

Some discs may have sections which prohibit rapid advance (or rapid reverse.)

No subtitles.
- Subtitles appear only with discs which contain them.
- Subtitles are cleared from the TV monitor perform the steps on portion SUBTITLE to display the subtitles.

Alternative audio soundtrack (or subtitle) language fail to be selected.
- An alternative language is not selected with discs which do not contain more than one language.

Angle cannot be changed.
- This function is dependent on software availability. Even if a disc has a number of angles recorded, these angles may be recorded for specific scenes only.

The password for rating level has been forgotten.
- Please contact your local sales dealer.

When AC-DC adaptor plug-in a while, FULL and CHARGE indicators is released.

No recharging.
- This function works only for Video CDs with discs that contain control.
- When AC-DC adaptor plug-in a while, FULL and CHARGE indicators blink, then CHARGE indicator light on RED, but rechargeable battery is released.

- It is a system test for recharge circuit, and then the circuit is powered ON, which is not a malfunction.

Specifications

Power requirements: AC-100-240V, 50-60Hz   DC 9V-12V, 1.5A

Power consumption: 11W maximum

Signal system: NTSC / PAL

Weight: 1.47 kg, (with battery)

Dimensions: Player: 226(L) X 170(W) X 43(H)mm (excluding battery)

Operating temperature range: +5°C to +35°C

Operating humidity range: 5 to 90% (no condensation)

Battery charging time: Approximately 4-5 hours

Battery life(Fully charge): 2 hours

Discs played:

(1) DVD-VIDEO disc
- 12cm single-sided, single-layer
- 12cm single-sided, dual-layer
- 12cm double-sided, single-layer
- 8 cm single-sided, single-layer
- 8 cm single-sided, dual-layer
- 8 cm double-sided, single-layer
- 8 cm double-sided, dual-layer

(2) Compact disc
- 12cm single-sided, single-layer
- 8cm single-sided

Video output level: 1V p-p

Audio output level: 2 V rms (1 KHz, 0dB)

Audio signal output characteristics:
- DVD (linear audio)
  - Frequency responses:
    - 20Hz-20KHz (48KHz sampling)
    - 20Hz-20KHz (96KHz sampling)
  - S/N ratio: 70dB
- CD audio:
  - Wow and flutter: below measurable level
- **Pickup:** Laser power: CLASS 1
  - Wave length: 650nm (DVD)
  - 795nm (CD)

Specifications are subject to change without notice. Weight and dimensions are approximate.

Additional Information

Disc types you can play:

Audio & Video
- Disc size 12cm
  - Single sided, single-layer / single side,double-layer
  - PAL and NTSC DVD disc
  - Playback time 135min/240min.max.

Audio & Video
- Disc size 12cm / 8 cm
  - Playback time 74min. / 24min. max.

SVCD, CD and VCD disc

Audio
- Disc size 12cm / 8 cm
  - CD: Playback time 74min. / 24min. max.

Note:
- Only the above types of discs can be played on this unit.
- DVD-ROM, CD-ROM, CDV, etc. cannot be played.
- Some CDR, CDRW disc cannot be played depending on the condition of the player and the disc.
- This unit is to be used exclusively with the NTSC or PAL colour system. SECAM system discs cannot be used with this unit.

DVD disc
DVD discs are divided into titles, and the titles are subdivided into chapter.

Music CD disc
Music CD discs are divided into tracks.

MP3
MP3 is the abbreviation of "MPEG 1 Audio Layer 3" MPEG Audio is a compression specification that compresses the audio portion only. This image compression method is used in DVD etc. The data has been compressed into about 1/10.

Notes on handling discs

- Do not scratch discs.
- Do not expose the disc to direct sunlight, high humidity, or high temperatures for extended periods of time.
- Discs should be returned to their cases after use.
- Do not apply paper or write anything on the disc surface.
- Handle the disc by its edge. Do not touch the playing surface (glossy side).
- Fingerprints and dust should be carefully wiped off the playing surface of the disc with a soft cloth.

Disc Cleaning

Never use chemicals such as aerosol cleaners, benzene, anti-static liquids or any other solvent for cleaning discs. When cleaning, wipe gently with a soft damp (water only) cloth from the centre to the edge, avoiding circular motions, which could cause scratches and interference during playback. Wipe in a straight motion from the centre to the outside of the disc.

DVD
VIDEO

COMPACT
DIGITAL AUDIO

COMPACT
DIGITAL AUDIO